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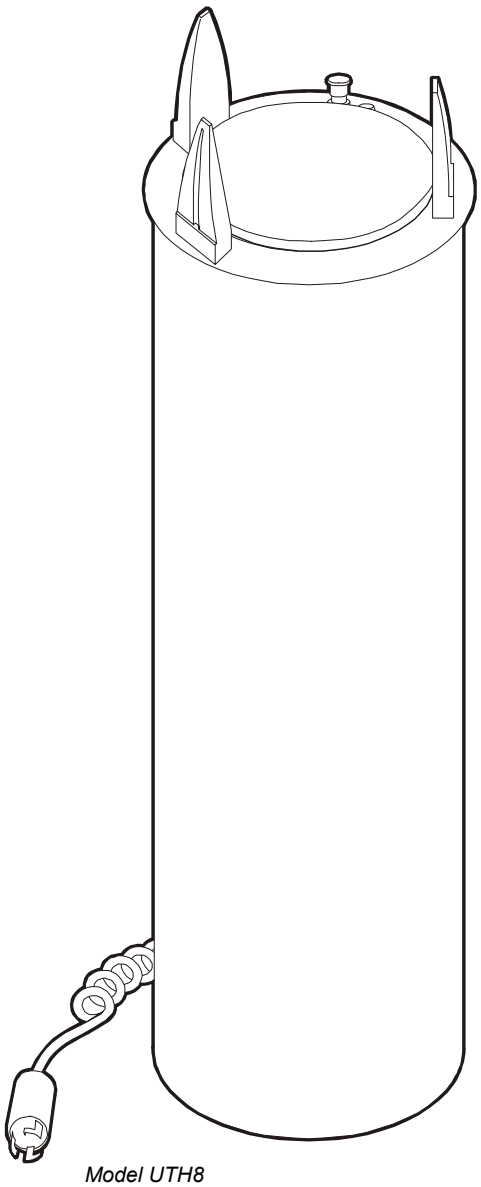


Model UTH8

SERVICE MANUAL

DROP-IN DISHWARE DISPENSERS

MODELS
UT, UTH
UTS & UTY

Includes:

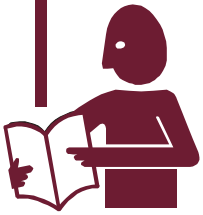
TROUBLESHOOTING SUGGESTIONS

SERVICING INSTRUCTIONS

EXPLODED VIEW

PARTS LIST

WIRING DIAGRAM



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PRECAUTIONS AND GENERAL INFORMATION

WARNING: Risk of personal injury

Electrical installation of heated dispensers must be performed by a qualified technician with full knowledge of all applicable electrical and plumbing codes. Failure can result in personal injury and property damage.

WARNING: Electric Shock hazard

All servicing requiring access to non-insulated electrical components must be performed by a qualified technician. DO NOT open any access panel which requires the use of tools. Failure to follow this warning can result in severe electrical shock.

CAUTION: Risk of Damage

DO NOT connect or energize heated dispensers until all installation instructions are read and followed. Damage to the dispenser will result if these instructions are not followed.

This dispenser is intended for use in commercial establishments only.

This dispenser is intended to dispense dinnerware of an appropriate size and shape. No other use is recommended or authorized by the manufacturer or its agents.

Operators of this dispenser must be familiar with the dispenser use, limitations and associated restrictions. Operating instructions must be read and understood by all persons using or installing this dispenser.

Cleanliness of this dispenser is essential to good sanitation. Read and follow all included cleaning instructions and schedules to ensure the safety of the food product.

Disconnect heated dispensers from electrical power before performing any maintenance or servicing.

DO NOT submerge heated dispensers in water. Do not splash or pour water on, in or over any controls, control panel or wiring.

The technical content of this manual, including any wiring diagrams, schematics, parts breakdown illustrations and/or adjustment procedures, is intended for use by qualified technical personnel.

Any procedure which requires the use of tools must be performed by a qualified technician.

This dispenser is made in the USA. Unless otherwise noted, this dispenser has American sizes on all hardware.

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INTRODUCTION

This manual contains the information needed to properly service and repair this equipment.

SPECIFICATIONS

	MODEL NO.	DISH DIA.	FLANGE DIA.	REQ'D. CUTOUT*
OPEN DROP-IN TUBES	UT4	UP TO 4"	7¼ "	6⅛ " dia.
	UT5	4⅛ "-5"	8¼ "	7⅛ " dia.
	UT57	5⅛ "-5¾ "	9 "	7⅛ " dia.
	UT65	5⅞ "-6½ "	9¾ "	8⅝ " dia.
	UT7	6⅝ "-7¼ "	10½ "	9⅜ " dia.
	UT8	7⅞ "-8⅛ "	11⅞ "	10¼ " dia.
	UT9	8¼ "-9⅛ "	12⅜ "	11¼ " dia.
	UT10	9¼ "-10¼ "	13⅜ "	12⅜ " dia.
	UT12	10⅜ "-12"	15⅛ "	14⅛ " dia.
SHIELDED DROP-IN TUBES	UTS4	UP TO 4"	7¼ "	6⁵⁄₁₆ " dia.
	UTS5	4⅛ "-5"	8¼ "	7⁷⁄₁₆ " dia.
	UTS57	5⅛ "-5¾ "	9 "	8³⁄₁₆ " dia.
	UTS65	5⅞ "-6½ "	9¾ "	8⅝ " dia.
	UTS7	6⅝ "-7¼ "	10½ "	9¹¹⁄₁₆ " dia.
	UTS8	7⅞ "-8⅛ "	11⅞ "	10⁹⁄₁₆ " dia.
	UTS9	8¼ "-9⅛ "	12⅜ "	11⁹⁄₁₆ " dia.
	UTS10	9¼ "-10¼ "	13⅜ "	12⁹⁄₁₆ " dia.
	UTS12	10⅜ "-12"	15⅛ "	14⁵⁄₁₆ " dia.

	MODEL NO.	DISH DIA.	FLANGE DIA.	REQ'D. CUTOUT*	WATTS	AMPS
120V 1ø HEATED DROP-IN TUBES	UTH4	UP TO 4"	7¼ "	6⁵⁄₁₆ " dia.	240	2.0
	UTH5	4⅛ "-5"	8¼ "	7⁷⁄₁₆ " dia.	240	2.0
	UTH57	5⅛ "-5¾ "	9 "	8³⁄₁₆ " dia.	240	2.0
	UTH65	5⅞ "-6½ "	9¾ "	8⅝ " dia.	300	2.5
	UTH7	6⅝ "-7¼ "	10½ "	9¹¹⁄₁₆ " dia.	300	2.5
	UTH8	7⅞ "-8⅛ "	11⅞ "	10⁹⁄₁₆ " dia.	300	2.5
	UTH9	8¼ "-9⅛ "	12⅜ "	11⁹⁄₁₆ " dia.	300	2.5
	UTH10	9¼ "-10¼ "	13⅜ "	12⁹⁄₁₆ " dia.	500	4.2
	UTH12	10⅜ "-12"	15⅛ "	14⁵⁄₁₆ " dia.	500	4.2
240V 1ø HEATED DROP-IN TUBES	UTY4	UP TO 4"	7¼ "	6⁵⁄₁₆ " dia.	240	1.0
	UTY5	4⅛ "-5"	8¼ "	7⁷⁄₁₆ " dia.	240	1.0
	UTY57	5⅛ "-5¾ "	9 "	8³⁄₁₆ " dia.	240	1.0
	UTY65	5⅞ "-6½ "	9¾ "	8⅝ " dia.	300	1.3
	UTY7	6⅝ "-7¼ "	10½ "	9¹¹⁄₁₆ " dia.	300	1.3
	UTY8	7⅞ "-8⅛ "	11⅞ "	10⁹⁄₁₆ " dia.	300	1.3
	UTY9	8¼ "-9⅛ "	12⅜ "	11⁹⁄₁₆ " dia.	300	1.3
	UTY10	9¼ "-10¼ "	13⅜ "	12⁹⁄₁₆ " dia.	500	2.1
	UTY12	10⅜ "-12"	15⅛ "	14⁵⁄₁₆ " dia.	500	2.1

* NOTE: Verify dimensions by referring to the *Installation Instructions* included with the dispenser.
For metric sizes refer to the *Specification Sheet* included with the dispenser.
UTH and UTY heated dispensers are shielded. UTS shielded dispensers are *not* heated.

FEATURES & OPERATING CONTROLS

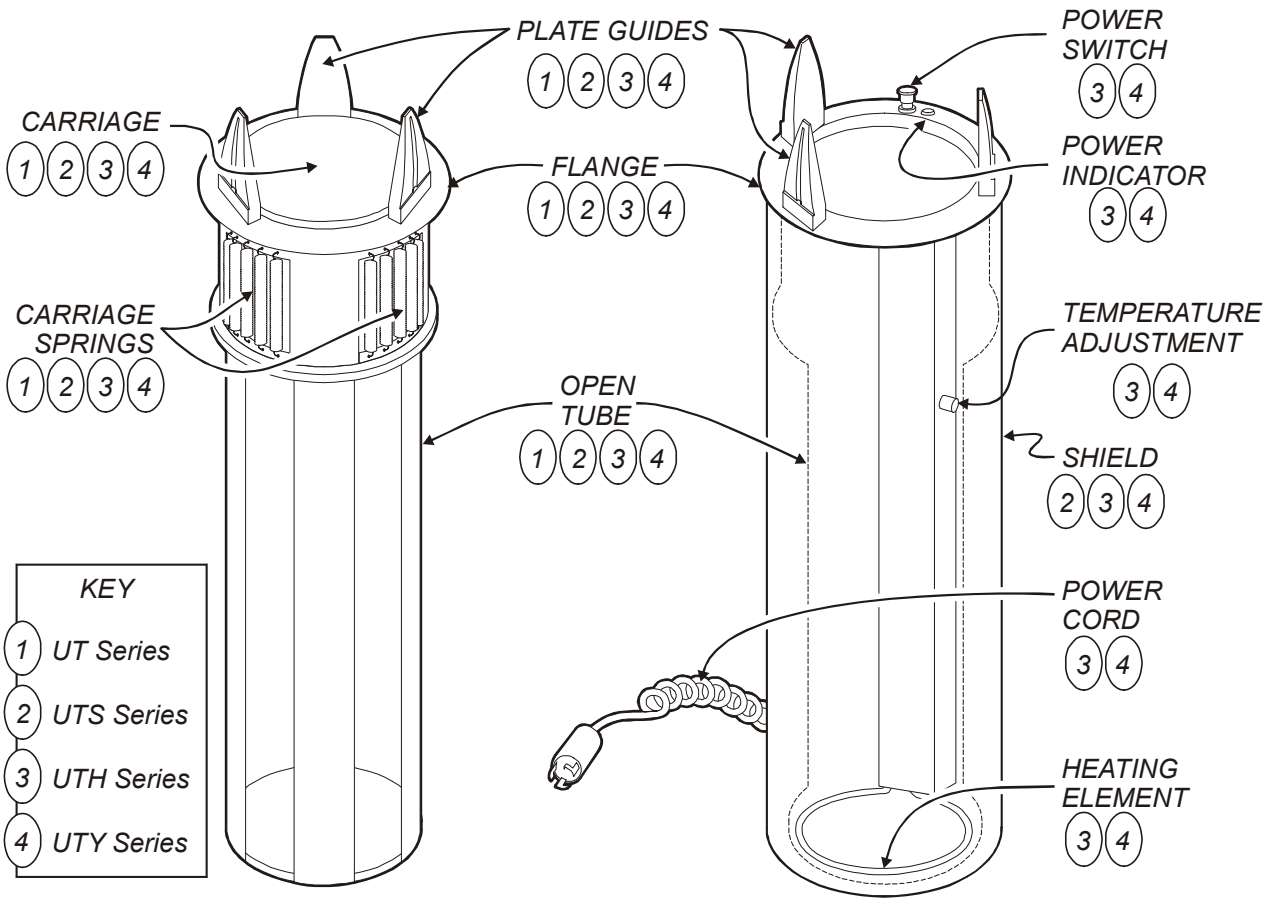
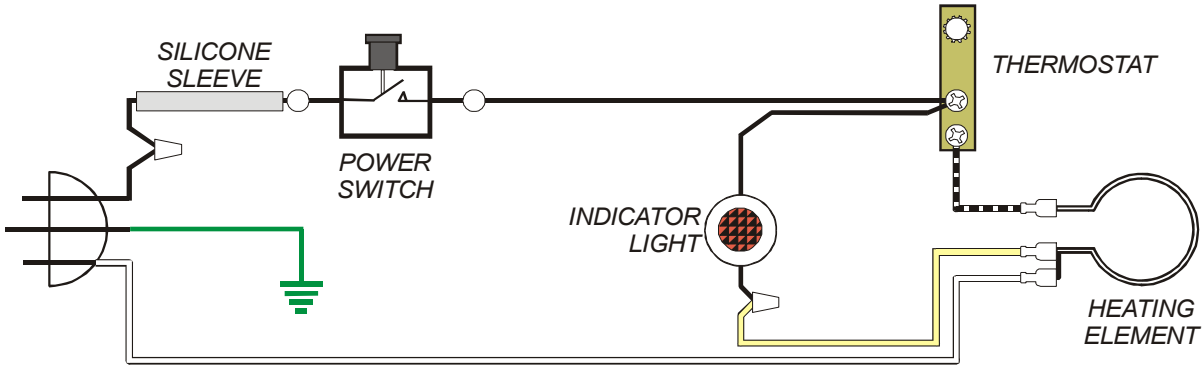


Fig. 1 Features & Operating Controls - Drop-In Round Dinnerware Dispensers

WIRING DIAGRAM



OPERATION

OPERATING SUGGESTIONS

Load the dispenser with the appropriate size dinnerware.
- Dinnerware which is too large may be broken or may jam the carriage.
- Dinnerware which is too small cannot be safely dispensed, and may be broken or may jam the carriage.

Load no more than a 6” stack of dinnerware at a time.

Dispensers are designed for *EMPTY* dinnerware only.

For heated dispensers, turn the power switch to *ON*. When the switch is *ON* the indicator light will glow.

Unused dispensers should be covered with the optional tube cover (p/n 503985 or 503986).

CAUTION:
Hot Surface

Exposed surfaces of heated dispensers can be hot to the touch and may cause burns.

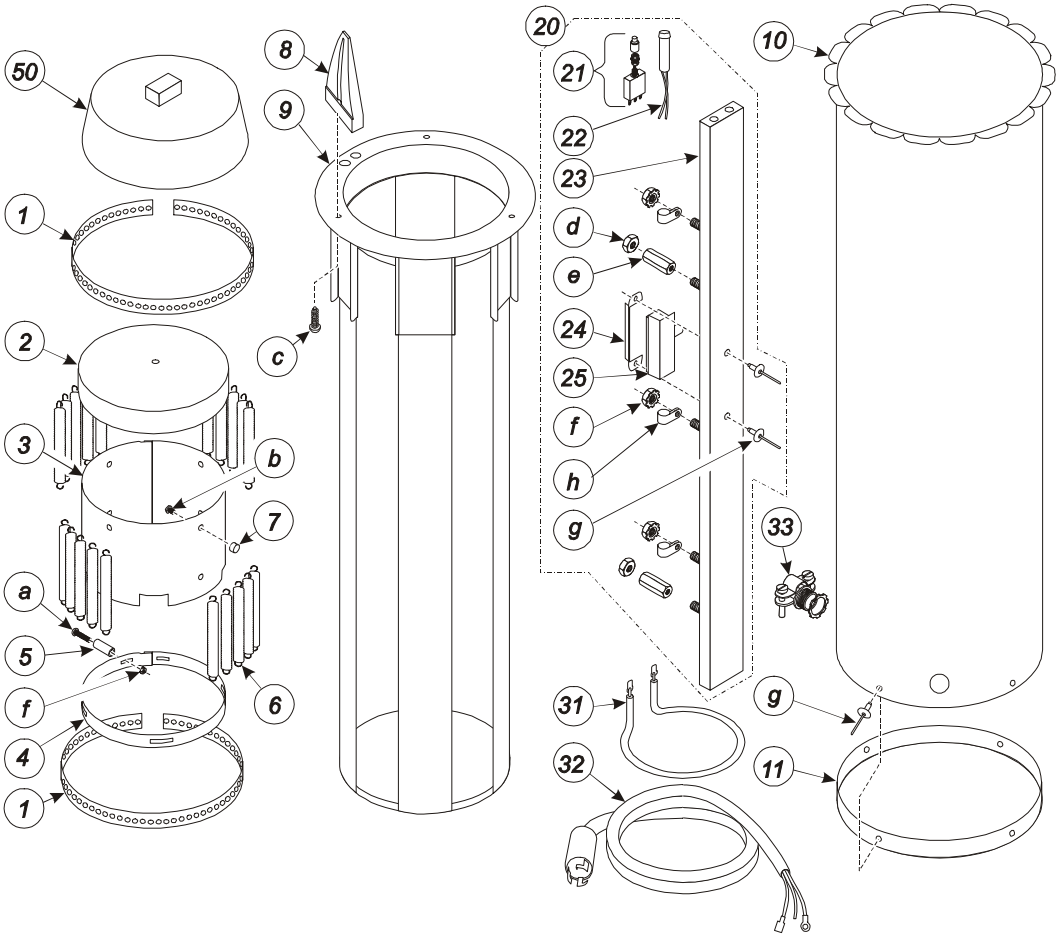
CAUTION:
Pinch Hazard

Hold dinnerware by the sides when loading the dispenser. Holding dinnerware by the bottom can allow fingers to become trapped between the plates and the dispenser walls.

TROUBLESHOOTING SUGGESTIONS

SYMPTOM	POSSIBLE CAUSE	SUGGESTED ACTION
Carriage movement erratic	Debris between carriage and tube	Remove from counter and clean
	Broken, disconnected or mis-matched springs	Inspect springs— replace or re-connect springs so that all four sections are configured the same
Heated dispenser will not heat (indicator light not on)	Unit unplugged or circuit breaker tripped or power switch *OFF*	Check / reset circuit breaker Make sure unit is plugged in and power switch is *ON*
	Power plug or cord damaged	Check— replace or repair
	Power switch damaged or disconnected	Check— replace or repair
Heated dispenser will not heat (indicator light on)	Thermostat set too low	Set thermostat
	Thermostat or wiring damaged	Check— replace or repair
	Heating element damaged or disconnected	Check— replace or repair
Heated dispenser indicator light not lit (unit operating normally)	Indicator light damaged or disconnected	Check— replace or repair
Heated dispenser temperature incorrect	Thermostat damaged	Check— replace or repair
	Thermostat not properly set	Set thermostat

EXPLODED VIEW & PARTS LIST



ITEM	DESCRIPTION	PART NO.	USED ON SERIES	QTY
1	RING, SPRING RETAINING		UT, UTS, UTH, UTY	2
2	STAGE, PLATE CARRIAGE 4” STAGE, PLATE CARRIAGE 5” STAGE, PLATE CARRIAGE 5-3/4” STAGE, PLATE CARRIAGE 6-1/2” STAGE, PLATE CARRIAGE 7” STAGE, PLATE CARRIAGE 8” STAGE, PLATE CARRIAGE 9” STAGE, PLATE CARRIAGE 10” STAGE, PLATE CARRIAGE 12”	503987 503988 503989 503990 503991 503992 503993 503994 503995	UT, UTS, UTH, UTY	1
3	COLLAR, PLATE CARRIAGE		UT, UTS, UTH, UTY	1
4	RING, INNER SUPPORT		UT, UTS, UTH, UTY	1
5	SPACER, INNER SUPPORT		UT, UTS, UTH, UTY	5
6	SPRING, COARSE NON-HEATED SPRING, FINE NON-HEATED SPRING, COARSE HEATED SPRING, FINE HEATED	503966 503960 503961 503950	UT, UTS UT, UTS UTH, UTY UTH, UTY	20

ITEM	DESCRIPTION	PART NO.	USED ON SERIES	QTY
7	GLIDE, PLATE CARRIAGE, TEFLON	503952	UT, UTS, UTH, UTY	8
8	GUIDE, PLATE PLASTIC	503951	UT, UTS, UTH, UTY	3
9	ASSY, FRAME NON-HEATED ASSY, FRAME HEATED		UT, UTS UTH, UTY	1
10	SHIELD, NON-HEATED SHIELD, HEATED		UT, UTS UTH, UTY	1
11	BOTTOM, SHIELD NON-HEATED BOTTOM, SHIELD HEATED		UT, UTS UTH, UTY	1
20	ASSEMBLY, CONTROL			
21	SWITCH, POWER	503959	UTH, UTY	1
22	INDICATOR, POWER RED 120 VOLT INDICATOR, POWER RED 240 VOLT	503957 503964	UTH UTY	1
23	TROUGH, WIRING		UTH, UTY	1
24	BRACKET, TEMP CONTROL		UTH, UTY	1
25	CONTROL, TEMP BI-METAL	503956	UTH, UTY	1
31	ELEMENT, 120 VOLT, 4”, 5”, 5-3/4” ELEMENT, 120 VOLT, 6-1/2”, 7”, 8”, 9” ELEMENT, 120 VOLT, 10”, 12”	503953 503967 503969	UTH	1
	ELEMENT, 240 VOLT, 4”, 5”, 5-3/4” ELEMENT, 240 VOLT, 6-1/2”, 7”, 8”, 9” ELEMENT, 240 VOLT, 10”, 12”	503962 503968 503970	UTY	
32	ASSY, POWER CORD 120 VOLT ASSY, POWER CORD 240 VOLT	503983 503984	UTH UTY	1
33	STRAIN RELIEF		UTH, UTY	1
50	PLATE COVER, 7” - 8” TUBE PLATE COVER, 9” - 10” TUBE	503985 503986	OPTIONAL OPTIONAL	
a	SCREW, PH 10-24 x 1-1/2” SS		UT, UTS, UTH, UTY	5
b	SCREW, PH #8 x 1/4” SMS SS		UT, UTS, UTH, UTY	8
c	SCREW, #12 x 3” RHWS Zi		UT, UTS, UTH, UTY	3
d	NUT, 10-32 SS		UTH, UTY	2
e	NUT, 10-32 x 7/8” Alum		UTH, UTY	2
f	NUT, KEP 10-24 SS		UT, UTS, UTH, UTY	5 8
g	RIVET, BLIND 3/32 x 1/4 Alum		UTS UTH, UTY	4 6
h	RETAINER, WIRING		UTH, UTY	3

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SERVICE TRAINING - QUALITY SERVICE

CUSTOMER SATISFACTION

Carrier

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